



APPENDIX A

"CLEAN" VERSION OF EACH PARAGRAPH/SECTION/CLAIM

37 C.F.R. § 1.121(b)(ii) AND (c)(i)

1. (Twice Amended) A method of an improved delivery system for gases generated via the sublimation of solid material precursors comprising:
- introducing a solid precursor into a liquid bubbler apparatus;
 - adding a liquid into said solid precursor-containing bubbler apparatus, said liquid chosen to have a vapor pressure which is negligible compared with said vapor pressure of said solid precursor under the operating conditions extant in said bubbler; said liquid also being chosen such that said solid precursor is sufficiently insoluble in said liquid such that recrystallization of material of said solid precursor is unobservable during the normal operating time required to deplete the precursor material in said bubbler and necessitate its refilling;
 - attaching said bubbler containing said solid precursor and said liquid to a reactor apparatus containing a substrate to which the precursor is to be applied; said bubbler containing a mixture of vapors comprising carrier gas and solid precursor;
 - said mixture of vapors being formed, when said carrier gas contacts said liquid in said bubbler, forming bubbles therein which agitate and mix in said liquid, said vapors comprising carrier gas and solid precursor;
 - said carrier gas being either inert or reactive;
 - flowing said carrier gas through said bubbler to sweep said mixture of vapors into said reactor to coat said substrate. --

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

37 C.F.R. § 1.121(b)(iii) AND (c)(ii)

Amend Claim 1 as follows:

1. (Twice Amended) A method of an improved delivery system for gases generated via the sublimation of solid material precursors comprising:

introducing a solid precursor into a liquid bubbler apparatus;

adding a liquid into said solid precursor-containing bubbler apparatus, said liquid chosen to have a vapor pressure which is negligible compared with said vapor pressure of said solid precursor under the operating conditions extant in said bubbler; said liquid also being chosen such that said solid precursor is sufficiently insoluble in said liquid such that recrystallization of material of said solid precursor is unobservable during the normal operating time required to deplete the precursor material in said bubbler and necessitate its refilling;

attaching said bubbler containing said solid precursor and said liquid to a reactor apparatus containing a substrate to which the precursor is to be applied; said bubbler containing a mixture of vapors comprising carrier gas and solid precursor;

said mixture of vapors being formed, when said carrier gas contacts said liquid in said bubbler, forming bubbles therein which agitate and mix in said liquid, said vapors comprising carrier gas and solid precursor;

said carrier gas being either inert or reactive;

flowing said carrier gas through said bubbler to sweep said mixture of vapors into said reactor to coat said substrate. --

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